

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 58342.0007	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/CA2004/000589	International filing date (day/month/year) 19/04/2004	(Earliest) Priority Date (day/month/year) 17/04/2003
Applicant NEW WORLD GENERATION INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

WIND TURBINE WITH FRICTION DRIVE POWER TAKE OFF ON OUTER RIM

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CA2004/000589

Box No. IV Text of the abstract (Continuation of Item 5 of the first sheet)

A wind turbine has multiple blades (10) that are mounted on a shaft (19) with a ring around a circumference of the blades. There are tires (18) that are arranged to be in contact or out of contact with the ring. The tires draw generators when the tires are in contact with the ring and the ring is rotating.

A controller monitors the wind conditions and controls the turbine to produce electricity or other energy output or to shut down if the wind falls below a predetermined level.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000589

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F03D11/02 F03D11/04 F03D1/06 F03D7/02 F03D7/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A X	<p>FR 2 394 689 A (COLLARD LOUIS) 12 January 1979 (1979-01-12) page 1, line 14 - line 25 page 2, line 1 - page 3, line 18 claims 2,5,6,9; figures 1-4</p> <p>-----</p> <p>US 4 729 716 A (SCHMIDT GUENTER E) 8 March 1988 (1988-03-08)</p> <p>column 2, line 35 - line 68 column 4, line 15 - line 67 column 5, line 39 - line 65 column 6, line 25 - line 53 abstract; figures</p> <p>-----</p> <p style="text-align: center;">-/--</p>	<p>1,5-12, 19,20 21,22</p> <p>1,2,4-6, 8,9,11, 12,15, 19,21,22</p>



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

6 September 2004

Date of mailing of the international search report

17/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

O'Shea, G

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/000589

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 350 895 A (COOK GREGORY E) 21 September 1982 (1982-09-21) column 4, line 8 - line 68 column 5, line 48 - line 68 column 7, line 41 - line 58 column 8, line 5 - column 9, line 34 abstract; figures 1,2,7,9 -----	1,5-13, 19
A	US 5 743 712 A (AYLOR ELMO EDISON) 28 April 1998 (1998-04-28) column 3, line 42 - column 5, line 35 column 6, line 58 - column 7, line 25 abstract; figures -----	1,4-11, 19,21,22
A	GB 2 067 247 A (ERNO RAUMFAHRTTECHNIK GMBH) 22 July 1981 (1981-07-22) page 1, line 110 - page 2, line 91 abstract; figures 1-4 -----	1-3,10, 21,22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA2004/000589

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2394689	A	12-01-1979	FR 2394689 A1	12-01-1979
US 4729716	A	08-03-1988	EP 0236036 A2	09-09-1987
			IN 166540 A1	26-05-1990
			JP 62282174 A	08-12-1987
US 4350895	A	21-09-1982	AU 7038881 A	23-09-1981
			BR 8107162 A	05-01-1982
			CA 1163927 A1	20-03-1984
			DK 477481 A	29-10-1981
			EP 0035313 A2	09-09-1981
			EP 0047295 A1	17-03-1982
			ES 8204804 A1	16-08-1982
			JP 57500204 T	04-02-1982
			NO 813692 A	02-11-1981
			PT 72605 A , B	01-04-1981
			WO 8102612 A1	17-09-1981
US 5743712	A	28-04-1998	CA 2223903 A1	27-12-1996
			US 5591004 A	07-01-1997
GB 2067247	A	22-07-1981	DE 3000678 A1	16-07-1981
			DK 526780 A	11-07-1981
			FI 803851 A	11-07-1981
			NO 803721 A	13-07-1981
			SE 8008017 A	11-07-1981